COLLEGE OF HORTICULTURE, MANDSAUR

RVSKVV, Gwalior (M.P.)

Syllabus Summary

B.SC.(HORT.) I YEAR I SEMESTER

S.No.	Course Title	Credit
1.	Elementary Plant Biochemistry & Biotechnology	**3(2+1)**
2.	Elementary Statistics & Computer Application	**3(2+1)**
3.	Fundamentals of Horticulture	**3(2+1)**
4.	Fundamental of Soil Science	**2(1+1)**
5.	Introductory Crop Physiology	**2(1+1)**
6.	Introductory Economics	**2(2+0)**
7.	Introductory Microbiology	**2(1+1)**
8.	Physical Education /NSS	**NC (0+1)**
9.	Principles of Genetics and Cytogenesis	**3(2+1)**
10.	Principles of Landscape Gardening	**1(0+1)**
11.	Structural grammar and Spoken English	**NC (1+1)**

B.SC. (HORT.) I YEAR II SEMESTER

S. No.	Course Title	Credit
1.	Environmental Science	**2(1+1)**
2.	Fundamentals of Food Technology	**2(1+1)**
3.	Growth and Development of Horticultural Crops	**2(1+1)**
4.	Plant Propagation and Nursery Management	**2(1+1)**
5.	Principles of Plant Breeding	**3(2+1)**
6.	Soil Fertility and Nutrient Management	**2(1+1)**
7.	Tropical & Sub-tropical Fruits	**3(2+1)**
8.	Tropical and Subtropical Vegetables	**3(2+1)**
9.	Water Management in Horticultural Crops	**2(1+1)**

B.SC. (HORT.) II YEAR I SEMESTER

S. No.	Course Title	Credit
1.	Commercial Floriculture	**3(2+1)**
2.	Diseases of Fruit, Plantation, Medicinal and Aromatic Crops	**3(2+1)**
3.	Farm Power and Machinery	**2(1+1)**
4.	Fundamentals of Entomology	**3(2+1)**
5.	Fundamentals of Plant Pathology	**3(2+1)**
6.	Human Values and Professional Ethics-I	**3(1+2)**
7.	Nematode Pests of Horticultural Crops and Their Management	**2(1+1)**
8.	Temperate Fruits	**2(1+1)**
9.	Temperate Vegetables	**2(1+1)**
10.	Weed Management in Horticultural Crops	**2(1+1)**

B.SC. (HORT.) II YEAR II SEMESTER

S.No	Course Title	Credit
1.	Breeding of Fruit and Plantation Crops	**3(2+1)**
2.	Insect Pests of Fruit, Plantation, Medicinal & Aromatic Crops	**3(2+1)**
3.	Human Values and Professional Ethics-II	**3(1+2)**
4.	Mushroom Culture	**1(0+1)**
5.	Orchard Management	**2(1+1)**
6.	Ornamental Horticulture	**3(2+1)**
7.	Plantation Crops	**3(2+1)**
8.	Spices and Condiments	**3(2+1)**
9.	Soil and Plant Analysis	**2(1+1)**

B.SC. (HORT.) III YEAR I SEMESTER

S. No.	Course Title	Credit
1.	Disease of Vegetable, Ornamentals and Spice Crops	**3(2+1)**
2.	Fundamentals of Extension Education	**2(1+1)**
3.	Organic Farming	**2(1+1)**
4.	Introduction of Major Field Crops	**2(1+1)**
5.	Medicinal and Aromatic Crops	**3(2+1)**
6.	Introductory Agro-forestry	**2(1+1)**
7.	Breeding of Vegetable, Tuber and Spice Crops	**3(2+1)**
8.	Potato and Tuber Crops	**2(1+1)**

B.SC. (HORT.) III YEAR II SEMESTER

S. No.	Course Title	Credit
1.	Apiculture	**1(0+1)**
2.	Breeding and Seed Production of Ornamental Crops	**3(2+1)**
3.	Entrepreneurship Development and Communication Skills	**2(1+1)**
4.	Horti-bussiness Management	**2(2+0)**
5.	Insect Pest of Vegetable, Ornamental and Spice Crops	**3(2+1)**
6.	Post Harvest Management of Horticultural Crops	**3(2+1)**
7.	Processing of Horticultural Crops	**3(1+2)**
8.	Seed Production of Vegetable, Tuber and Spice Crops	**3(2+1)**

B.SC. (HORT.) IV YEAR I SEMESTER

S. No.	Course Title	Credit
1.	Experiential Learning Programme Profession Package I	15 (5+10)
2.	Rural Horticulture Work Experience Programme (Package I)	5 (0+5)

B.SC. (HORT.) IV YEAR II SEMESTER

S. No.	Course Title	Credit
1.	Experiential Learning Programme Profession Package II	15 (5+10)
2.	Rural Horticulture Work Experience Programme (Package II)	5 (0+5)